Alcohol Consumption, Alcohol-Related Harm, and Policy Responses in Countries

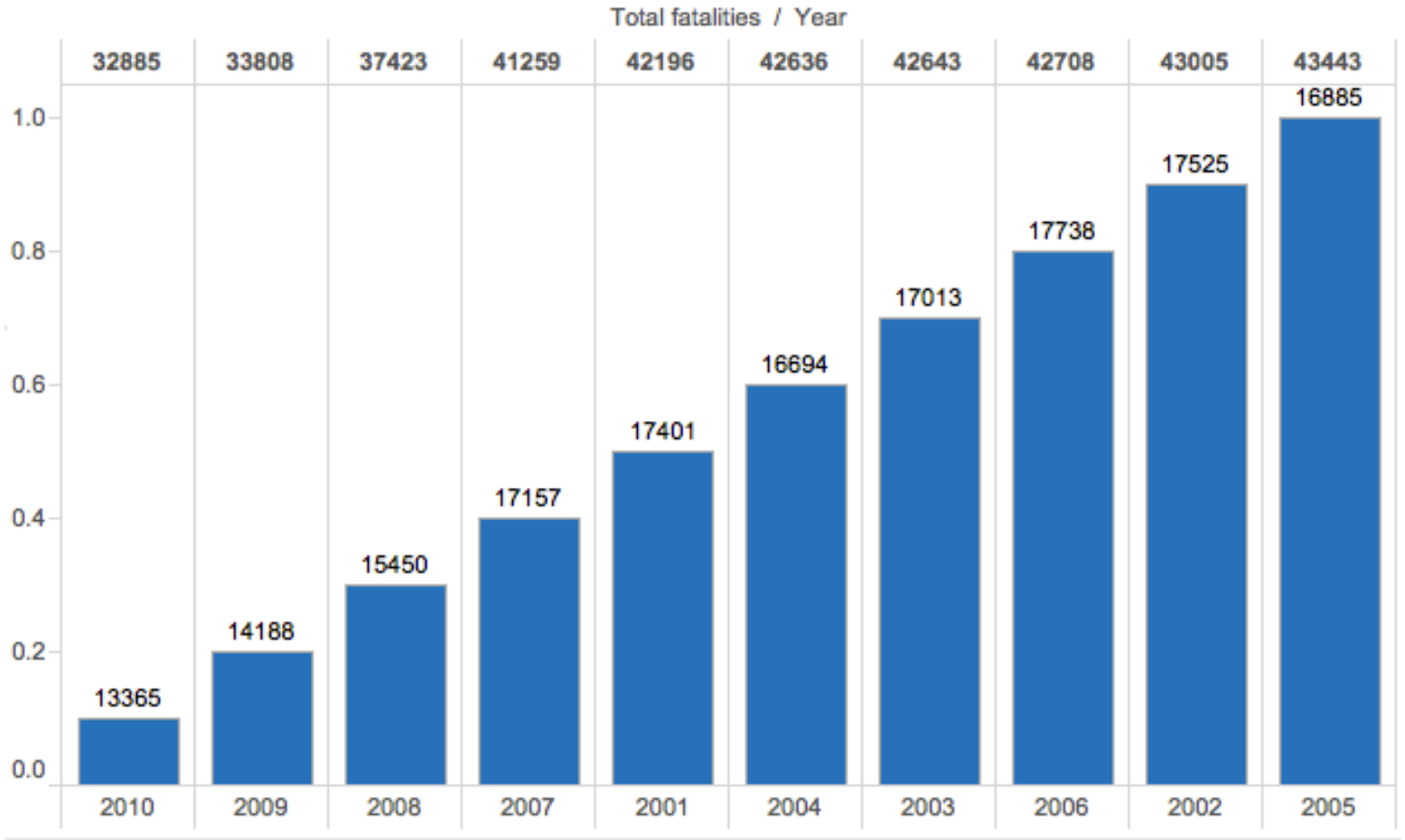
By: Willie Man, Leonel Rodriguez, Lauren Wendler

Tableau Visualizations

Highest Total Consumption of Both Females and Males

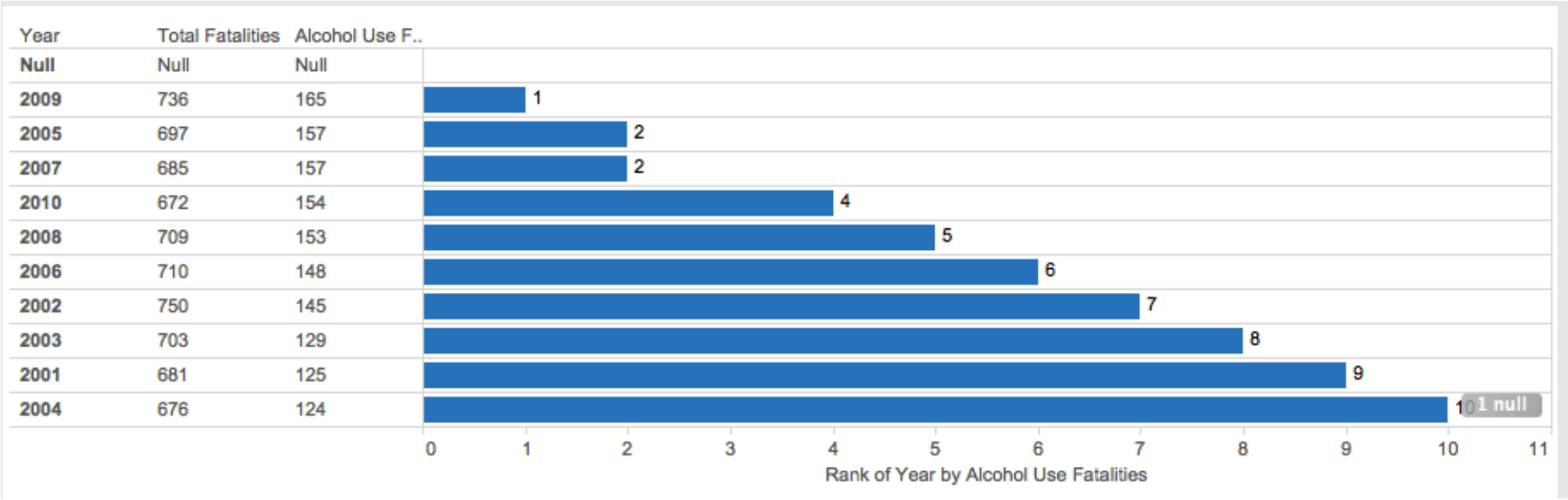
Country	Female	Male	Both sexes	
Canada	5.5	15.1	10.2	10.20
Mexico	2.6	12.4	7.2	10.20
United States of America	4.9	13.6	9.2	10.20

Rank of of Total Fatalities

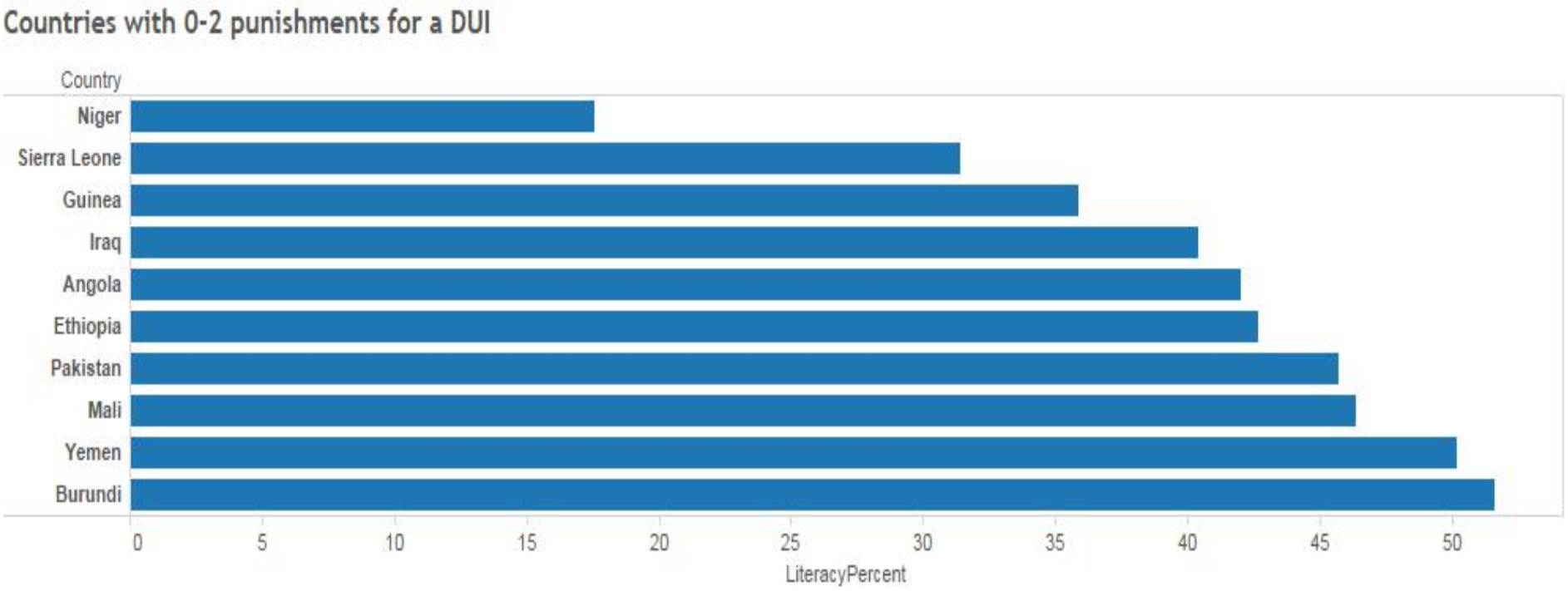


Rank of Year by Driving Fatalities

Year	Total Fatalities	Alcohol Use F..
Null	Null	Null
2009	736	165
2005	697	157
2007	685	157
2010	672	154
2008	709	153
2006	710	148
2002	750	145
2003	703	129
2001	681	125
2004	676	124

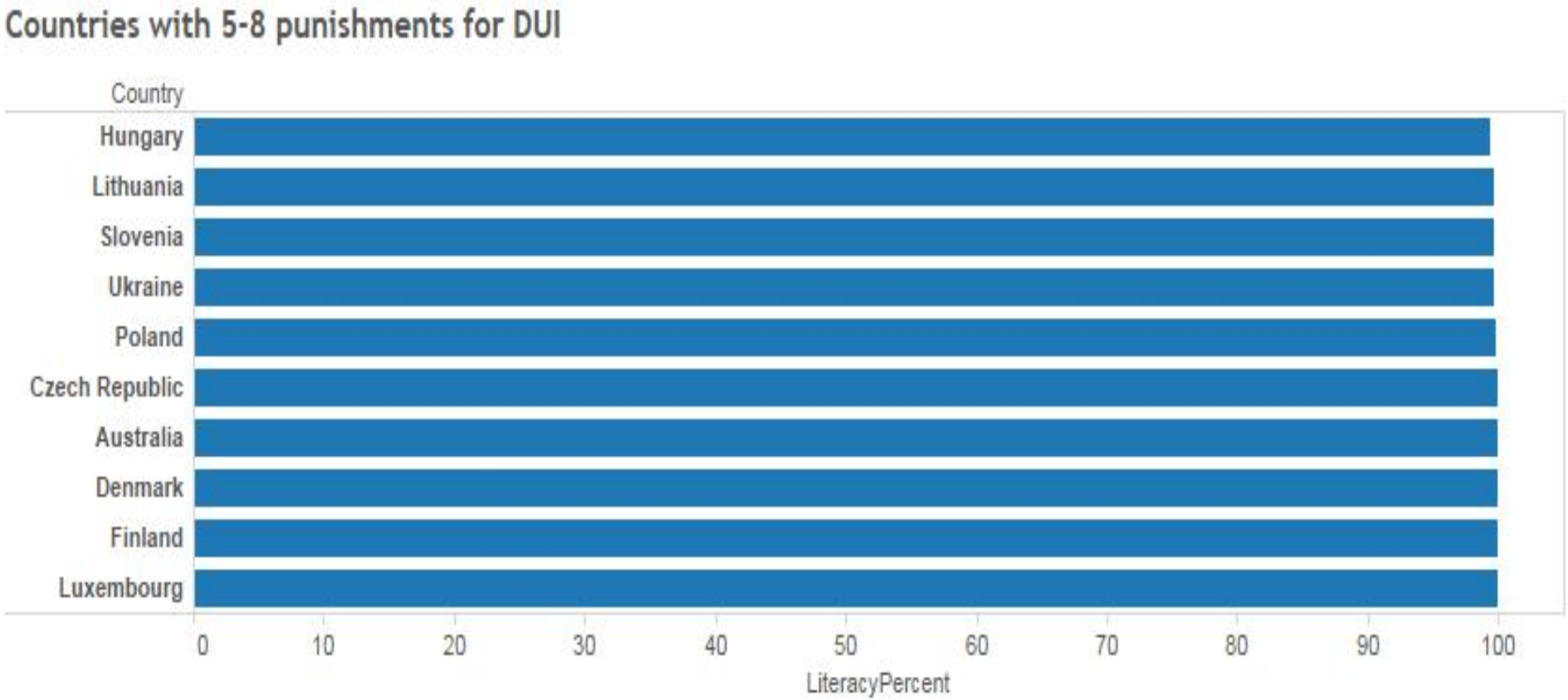


Are countries with low literacy rate more lenient with DUI's?



Sum of LiteracyPercent for each Country. The data is filtered on Count yes (Penalties for drink driving - Copy.reformatted), which ranges from 0 to 2. The view is filtered on Country, which keeps 10 members.

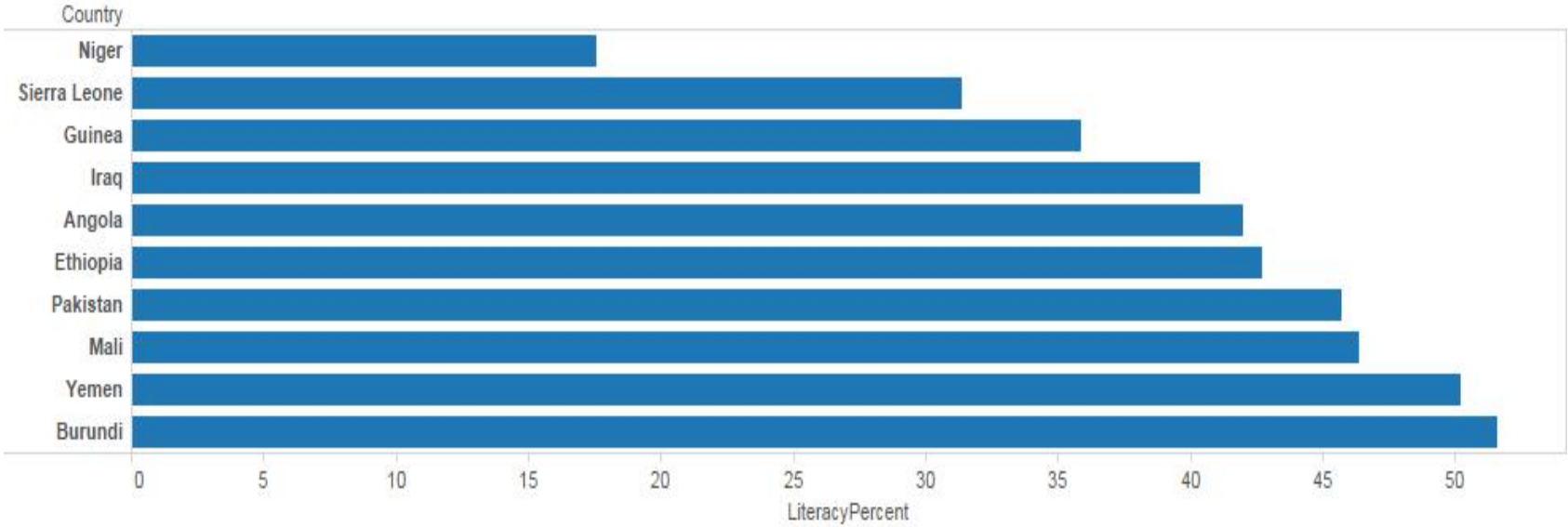
Compared to countries who employ multiple punishments for DUI's.



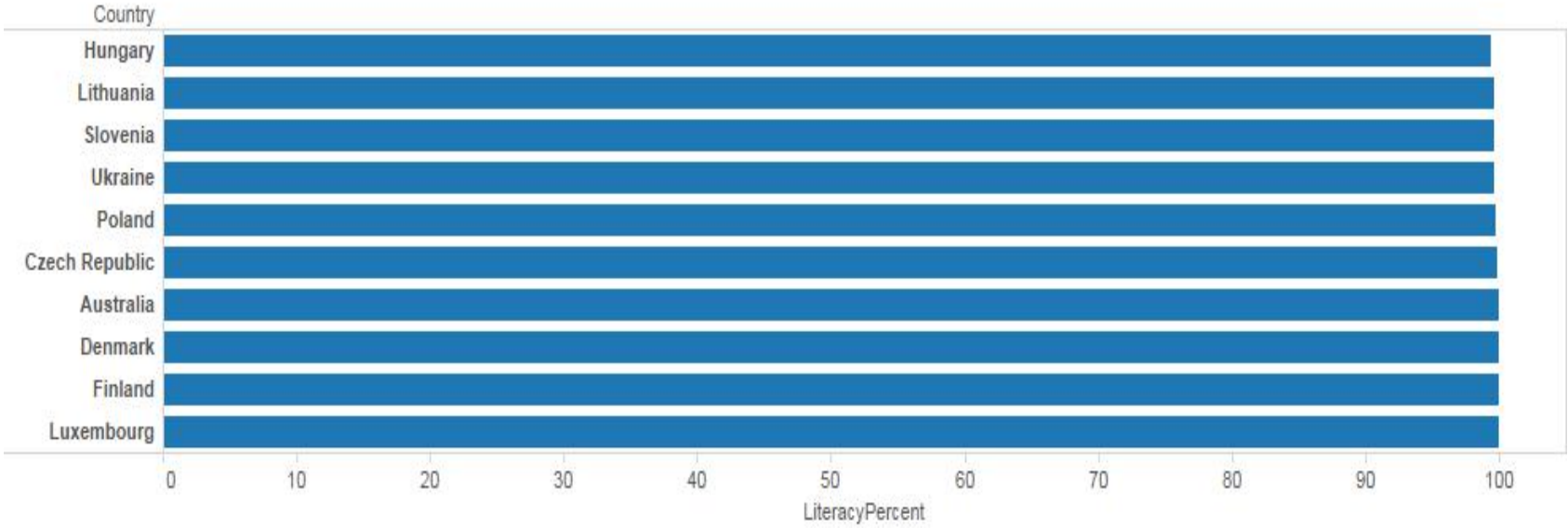
Sum of LiteracyPercent for each Country. The data is filtered on Count yes (Penalties for drink driving - Copy.reformatted), which ranges from 5 to 8. The view is filtered on Country, which keeps 10 of 184 members.

Are illiterate countries more lenient?

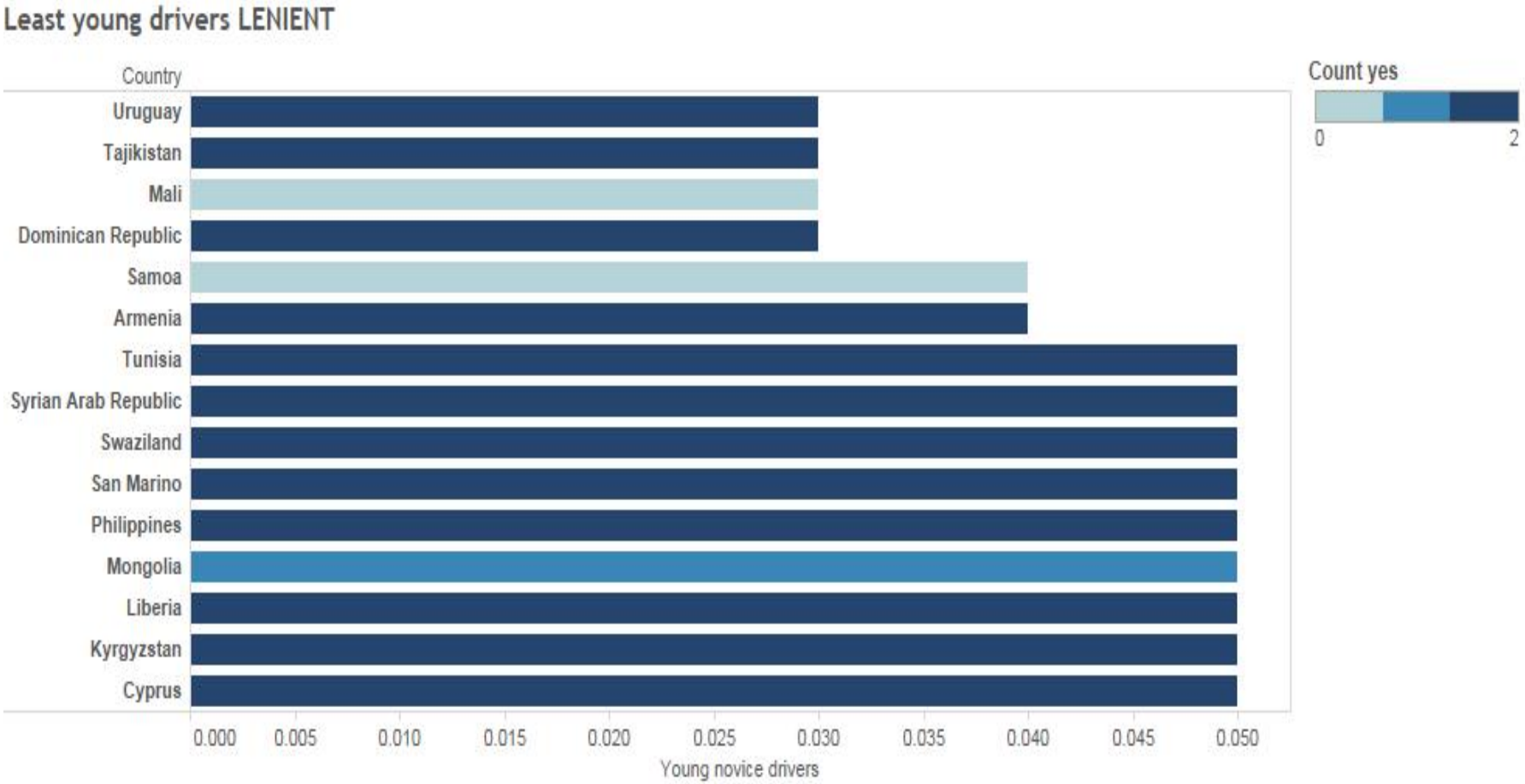
Countries with 0-2 punishments for a DUI



Countries with 5-8 punishments for DUI

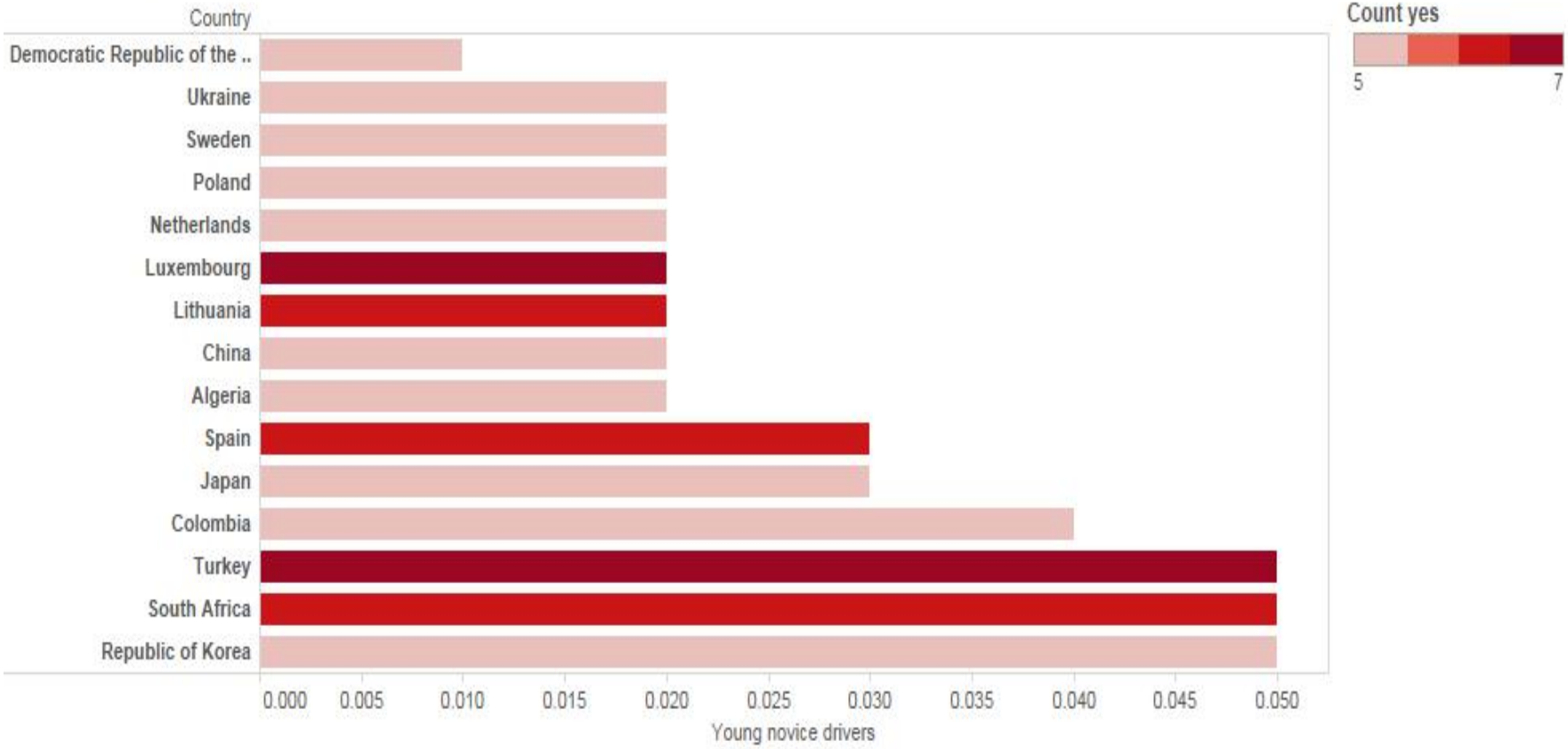


Are countries stance on drunk driving affected by the how many young drivers there are?



Sum of Young novice drivers for each Country. Color shows Count yes (Penalties for drink driving - Copy.reformatted). The view is filtered on sum of Young novice drivers, Count yes (Penalties for drink driving - Copy.reformatted) and Country. The sum of Young novice drivers filter ranges from 0.01000 to 0.07890. The Count yes (Penalties for drink driving - Copy.reformatted) filter ranges from 0 to 2. The Country filter keeps 15 of 194 members.

Least Young drivers STRICT



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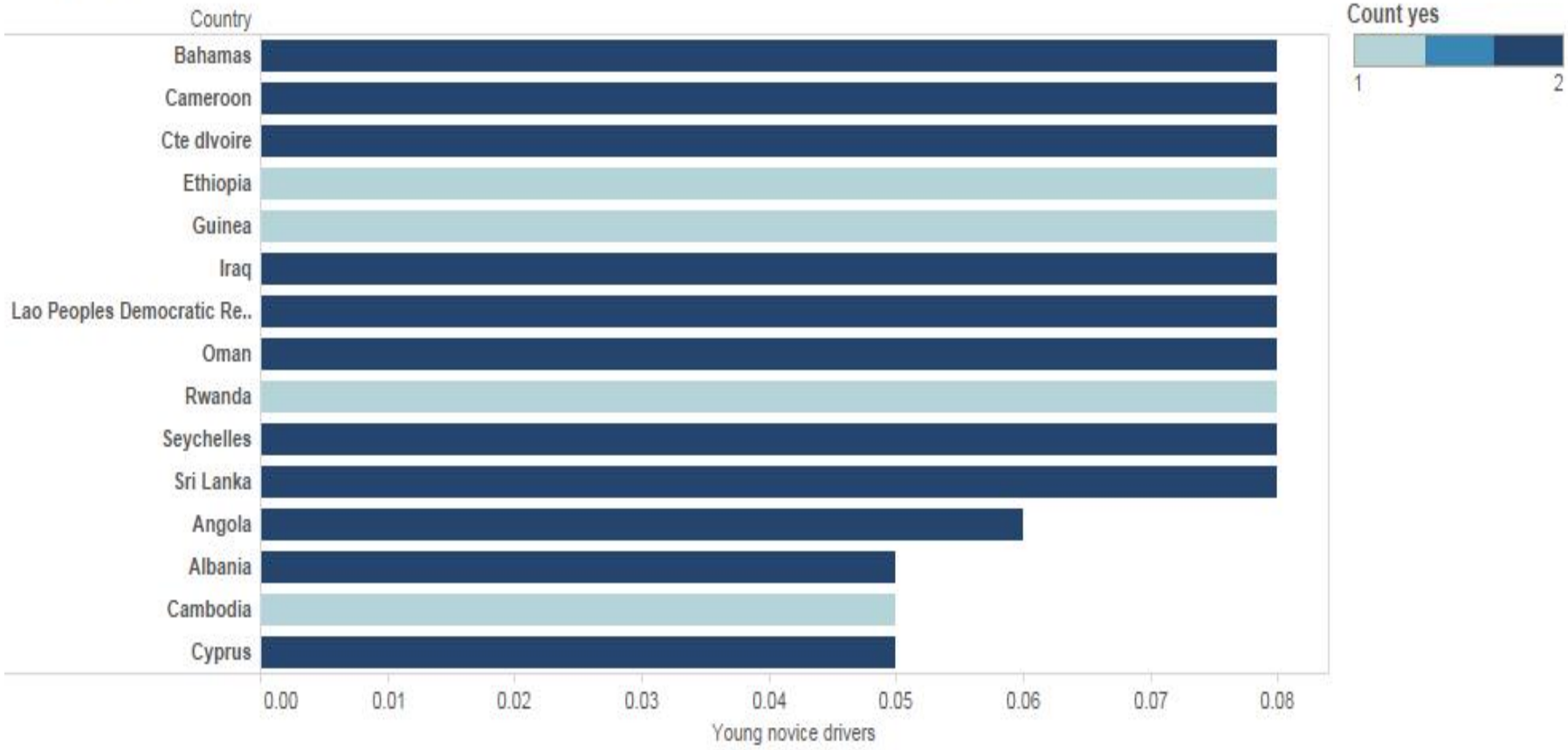
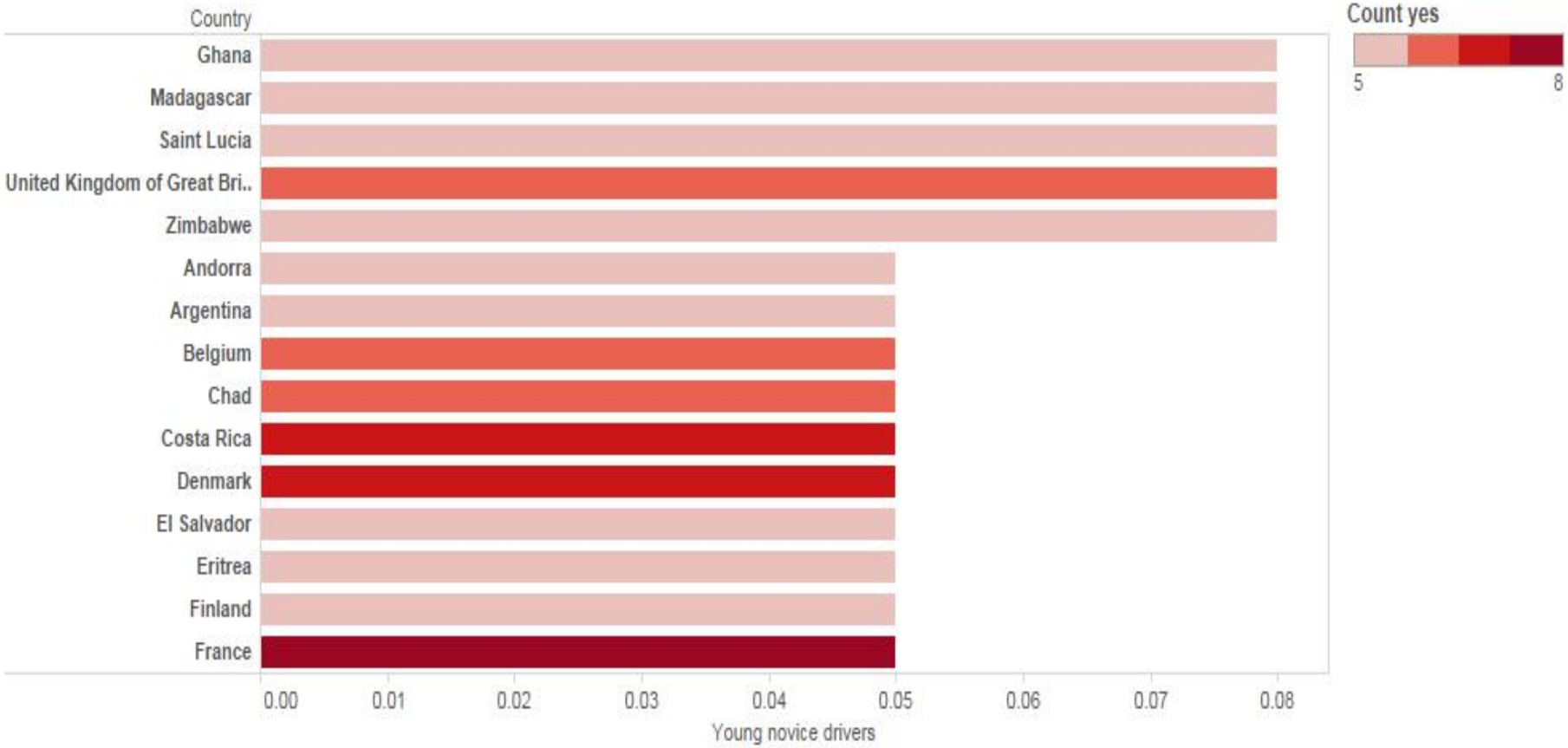
Most young drivers LENIENT



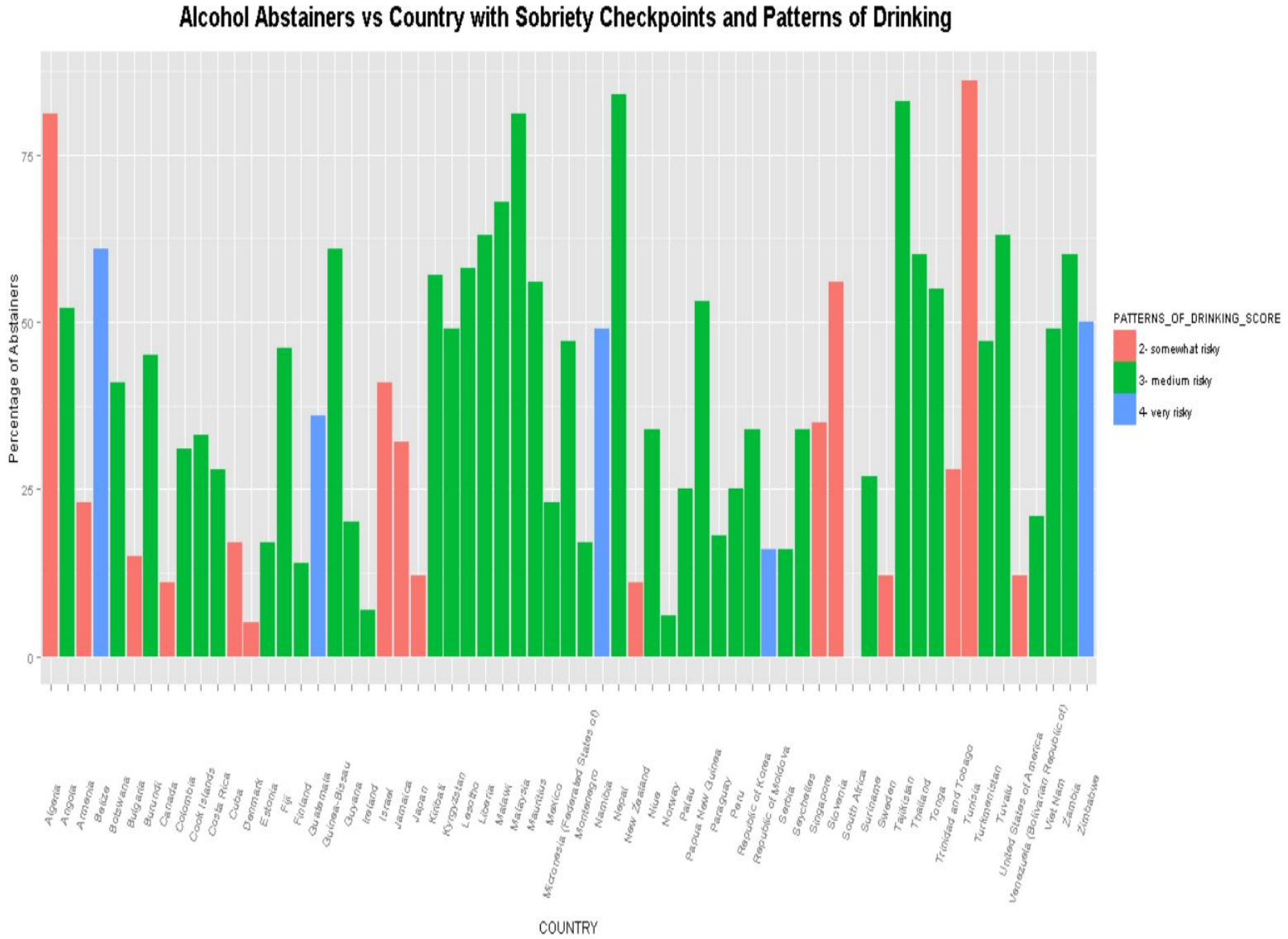
Sum of Young novice drivers for each Country. Color shows Count yes (Penalties for drink driving - Copy.reformatted). The view is filtered on Count yes (Penalties for drink driving - Copy.reformatted) and Country. The Count yes (Penalties for drink driving - Copy.reformatted) filter ranges from 0 to 2. The Country filter keeps 15 of 194 members.

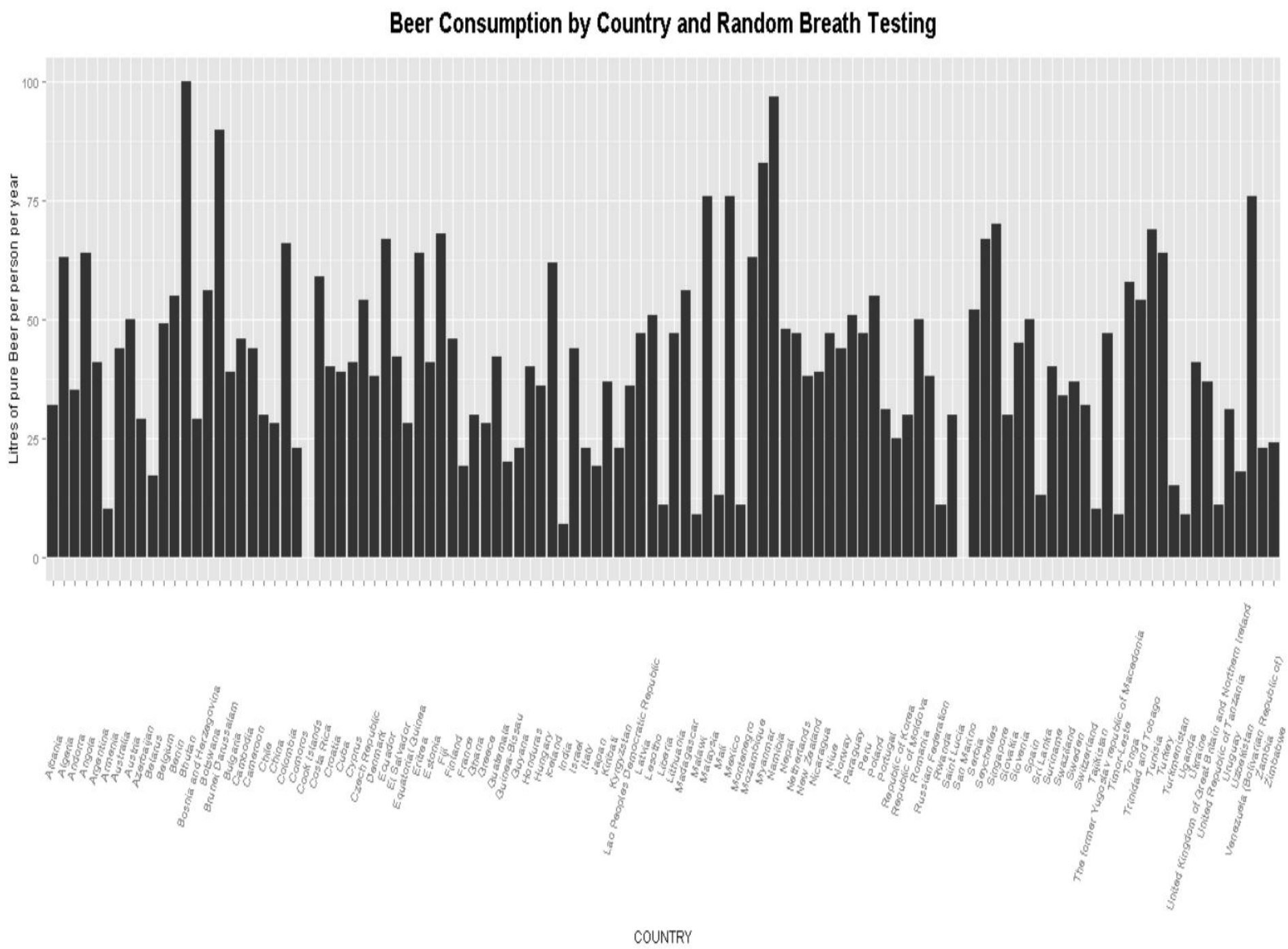
Most young drivers STRICT

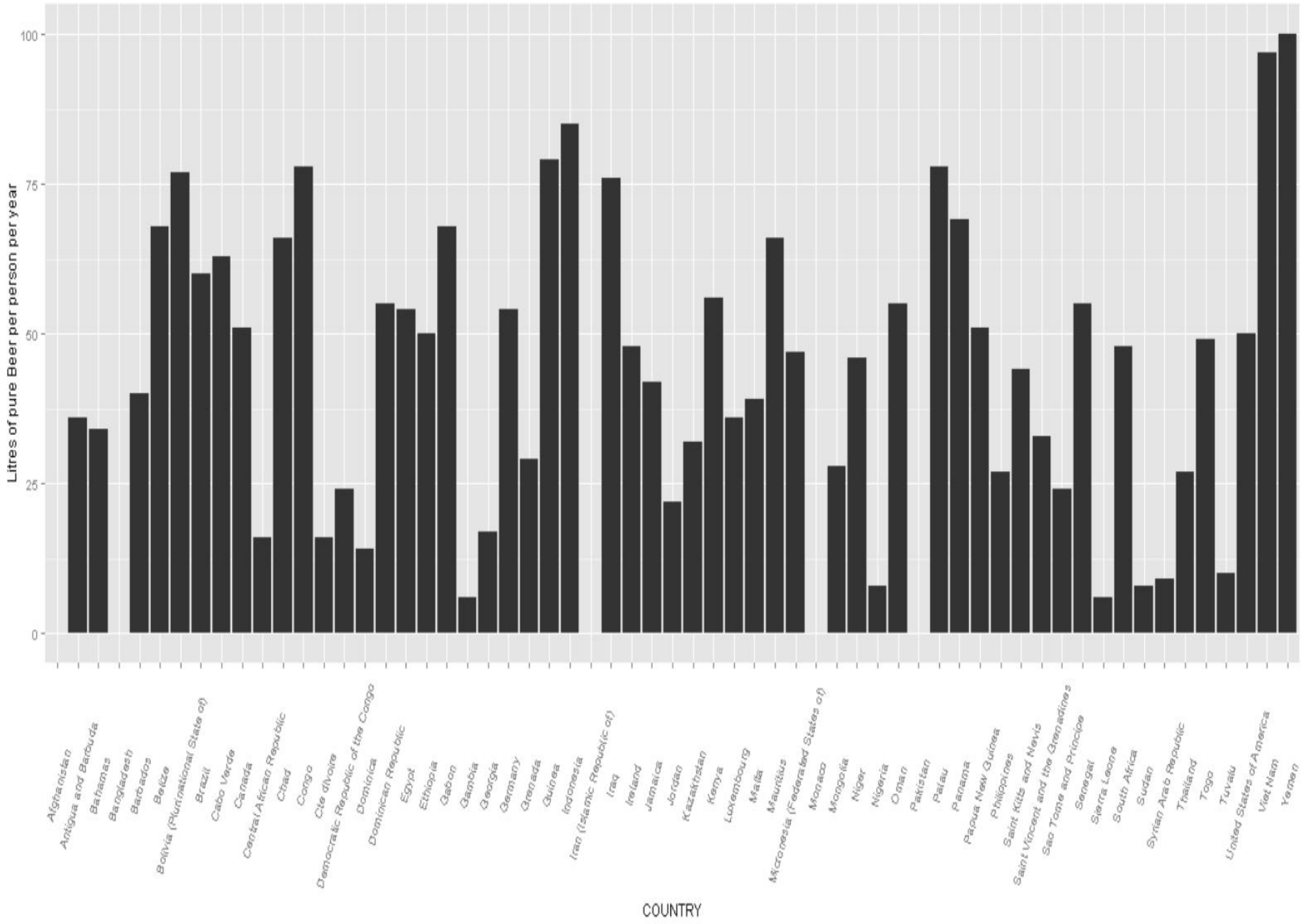


Sum of Young novice drivers for each Country. Color shows Count yes (Penalties for drink driving - Copy.reformatted). The view is filtered on sum of Young novice drivers, Count yes (Penalties for drink driving - Copy.reformatted) and Country. The sum of Young novice drivers filter ranges from 0.01000 to 0.15000. The Count yes (Penalties for drink driving - Copy.reformatted) filter ranges from 5 to 8. The Country filter keeps 15 of 194 members.

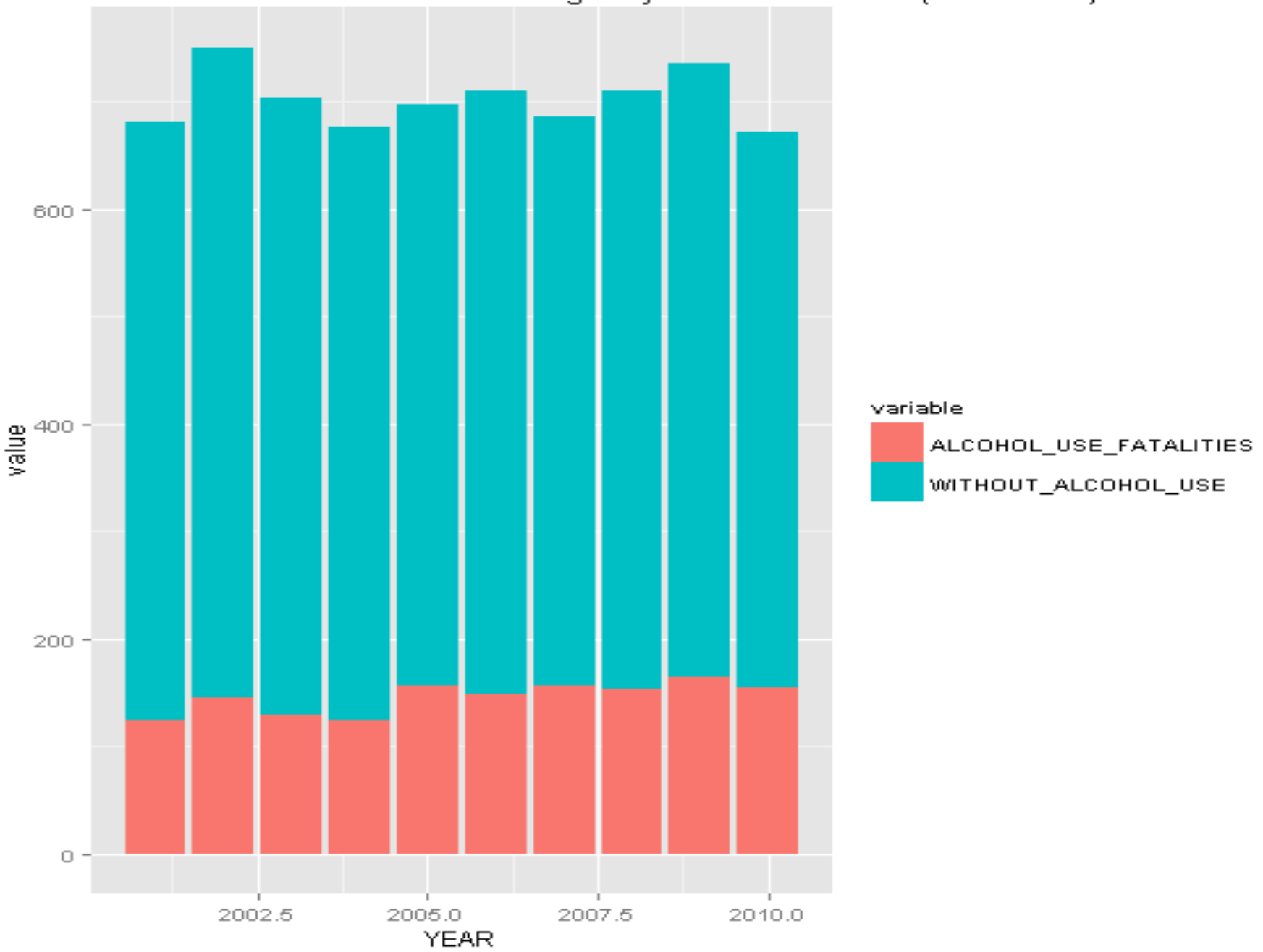
R Studio Visualizations


Alcohol Abstainers vs Country with Sobriety Checkpoints and Patterns of Drinking
Percentage of Abstainers
0
25
50
75
COUNTRY
Algeria
Angola
Armenia
Belize
Botswana
Bulgaria
Burundi
Canada
Colombia
Cook Islands
Costa Rica
Cuba
Denmark
Estonia
Fiji
Finland
Guatemala
Guinea-Bissau
Guyana
Ireland
Israel
Jamaica
Japan
Kiribati
Kyrgyzstan
Lesotho
Liberia
Malawi
Malaysia
Mauritius
Mexico
Micronesia (Federated States of)
Montenegro
Namibia
Nepal
New Zealand
Niue
Norway
Palau
Papua New Guinea
Paraguay
Peru
Republic of Korea
Republic of Moldova
Serbia
Seychelles
Singapore
Slovenia
South Africa
Suriname
Sweden
Tajikistan
Thailand
Tonga
Trinidad and Tobago
Tunisia
Turkmenistan
Tuvalu
United States of America
Venezuela (Bolivarian Republic of)
Viet Nam
Zambia
Zimbabwe
PATTERNS_OF_DRINKING_SCORE
2- somewhat risky
3- medium risky
4- very risky

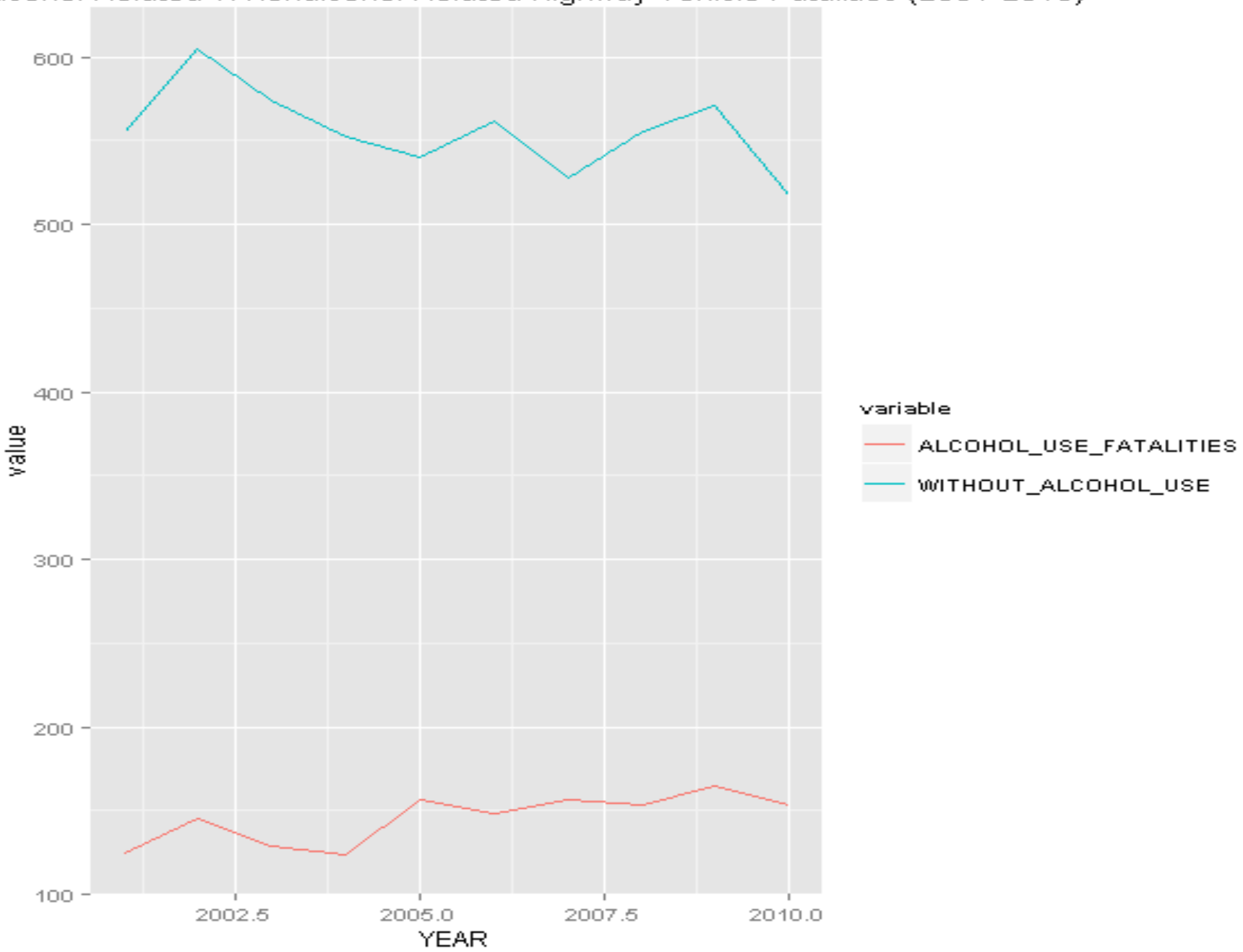

Beer Consumption by Country and Random Breath Testing
Litres of pure Beer per person per year
100
75
50
25
0
Albania
Algeria
Andorra
Angola
Argentina
Armenia
Australia
Azerbaijan
Belarus
Belgium
Benin
Bhutan
Bosnia and Herzegovina
Botswana
Brunei Darussalam
Bulgaria
Cambodia
Cameroon
Chile
China
Colombia
Comoros
Cook Islands
Costa Rica
Croatia
Cuba
Cyprus
Czech Republic
Denmark
Ecuador
El Salvador
Equatorial Guinea
Eritrea
Estonia
Fiji
Finland
France
Ghana
Greece
Guatemala
Guinea-Bissau
Guyana
Honduras
Hungary
Iceland
India
Israel
Italy
Japan
Kiribati
Kyrgyzstan
Lao Peoples Democratic Republic
Latvia
Lesotho
Liberia
Lithuania
Madagascar
Malawi
Malaysia
Mali
Mexico
Montenegro
Mozambique
Myanmar
Namibia
Nepal
Netherlands
New Zealand
Nicaragua
Niue
Norway
Paraguay
Peru
Poland
Portugal
Republic of Korea
Republic of Moldova
Romania
Russian Federation
Rwanda
Saint Lucia
San Marino
Serbia
Seychelles
Singapore
Slovakia
Slovenia
Spain
Sri Lanka
Suriname
Swaziland
Sweden
Switzerland
Tajikistan
The former Yugoslav republic of Macedonia
Timor-Leste
Tonga
Trinidad and Tobago
Tunisia
Turkey
Turkmenistan
Uganda
Ukraine
United Kingdom of Great Britain and Northern Ireland
United Republic of Tanzania
Uruguay
Uzbekistan
Venezuela (Bolivarian Republic of)
Zambia
Zimbabwe
COUNTRY

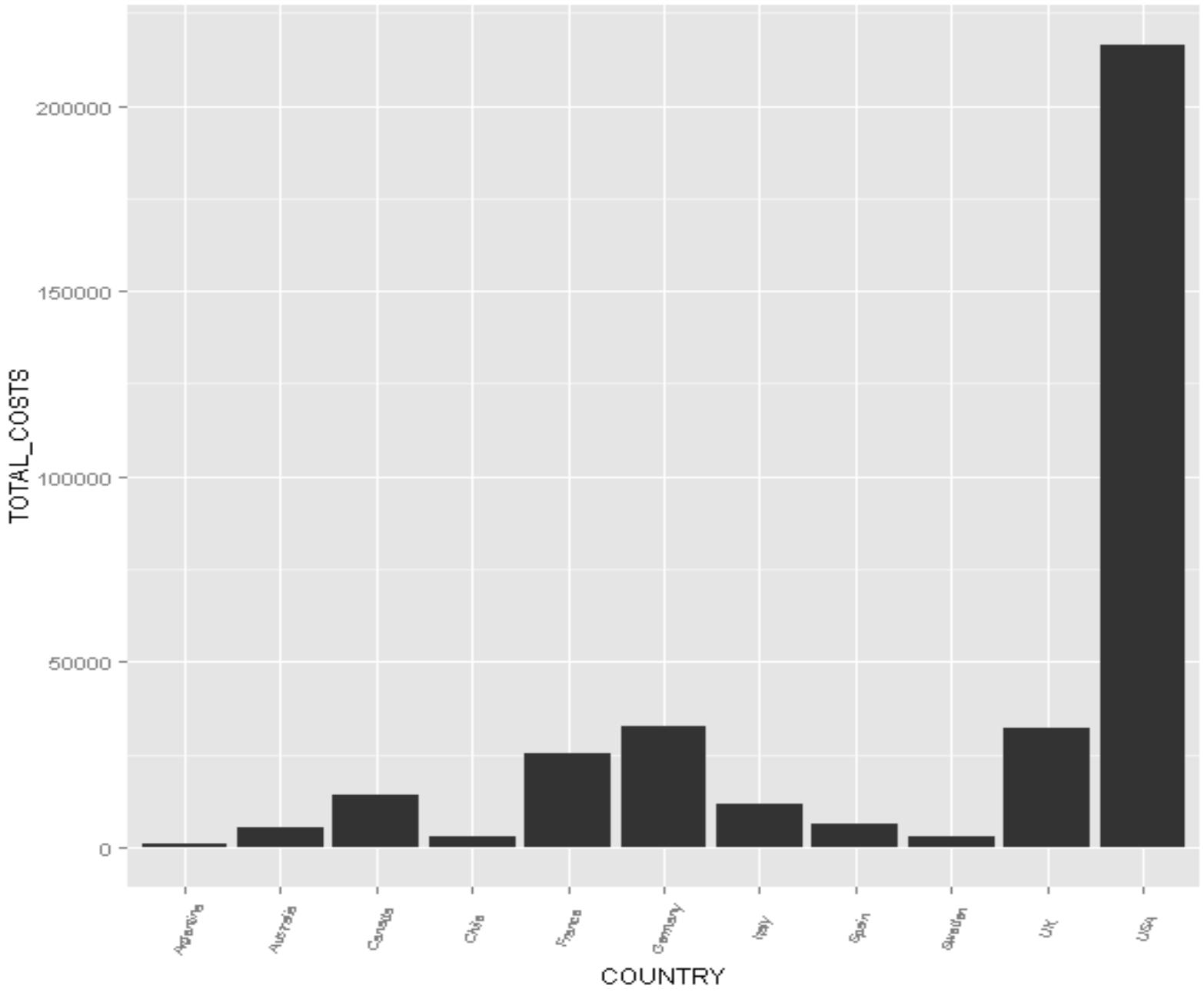

Beer Consumption by Country and No Random Breath Testing
Litres of pure Beer per person per year
100
75
50
25
0
Afghanistan
Antigua and Barbuda
Bahamas
Bangladesh
Barbados
Belize
Bolivia (Plurinational State of)
Brazil
Cabo Verde
Canada
Central African Republic
Chad
Congo
Cte dIvoire
Democratic Republic of the Congo
Dominica
Dominican Republic
Egypt
Ethiopia
Gabon
Gambia
Georgia
Germany
Grenada
Guinea
Indonesia
Iran (Islamic Republic of)
Iraq
Ireland
Jamaica
Jordan
Kazakhstan
Kenya
Luxembourg
Malta
Mauritius
Micronesia (Federated States of)
Monaco
Mongolia
Niger
Nigeria
Oman
Pakistan
Palau
Panama
Papua New Guinea
Philippines
Saint Kitts and Nevis
Saint Vincent and the Grenadines
Sao Tome and Principe
Senegal
Sierra Leone
South Africa
Sudan
Syrian Arab Republic
Thailand
Togo
Tuvalu
United States of America
Viet Nam
Yemen
COUNTRY

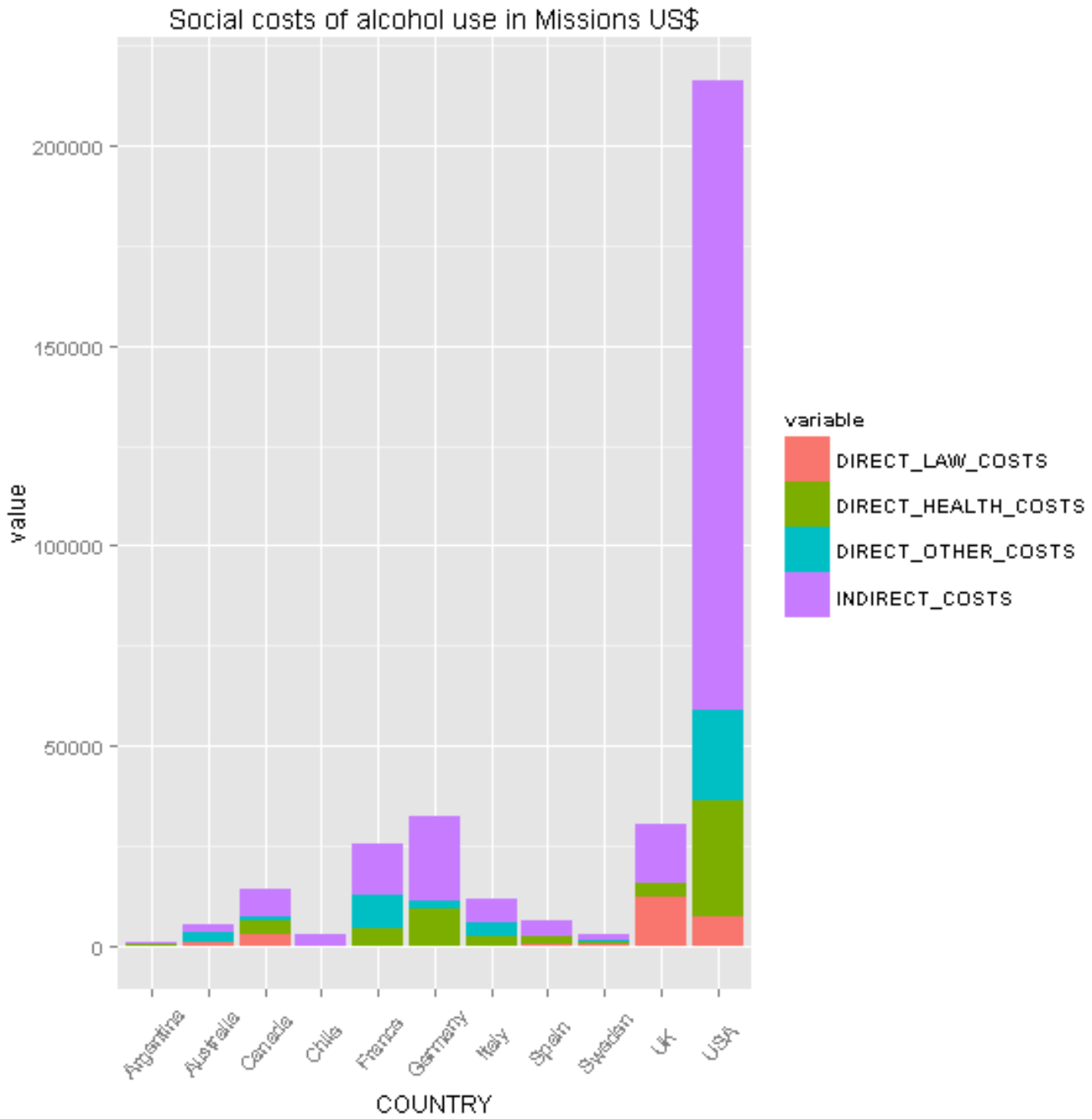
Alcohol Related v. Nonalcohol Related Highway Vehicle Fatalities (2001-2010)

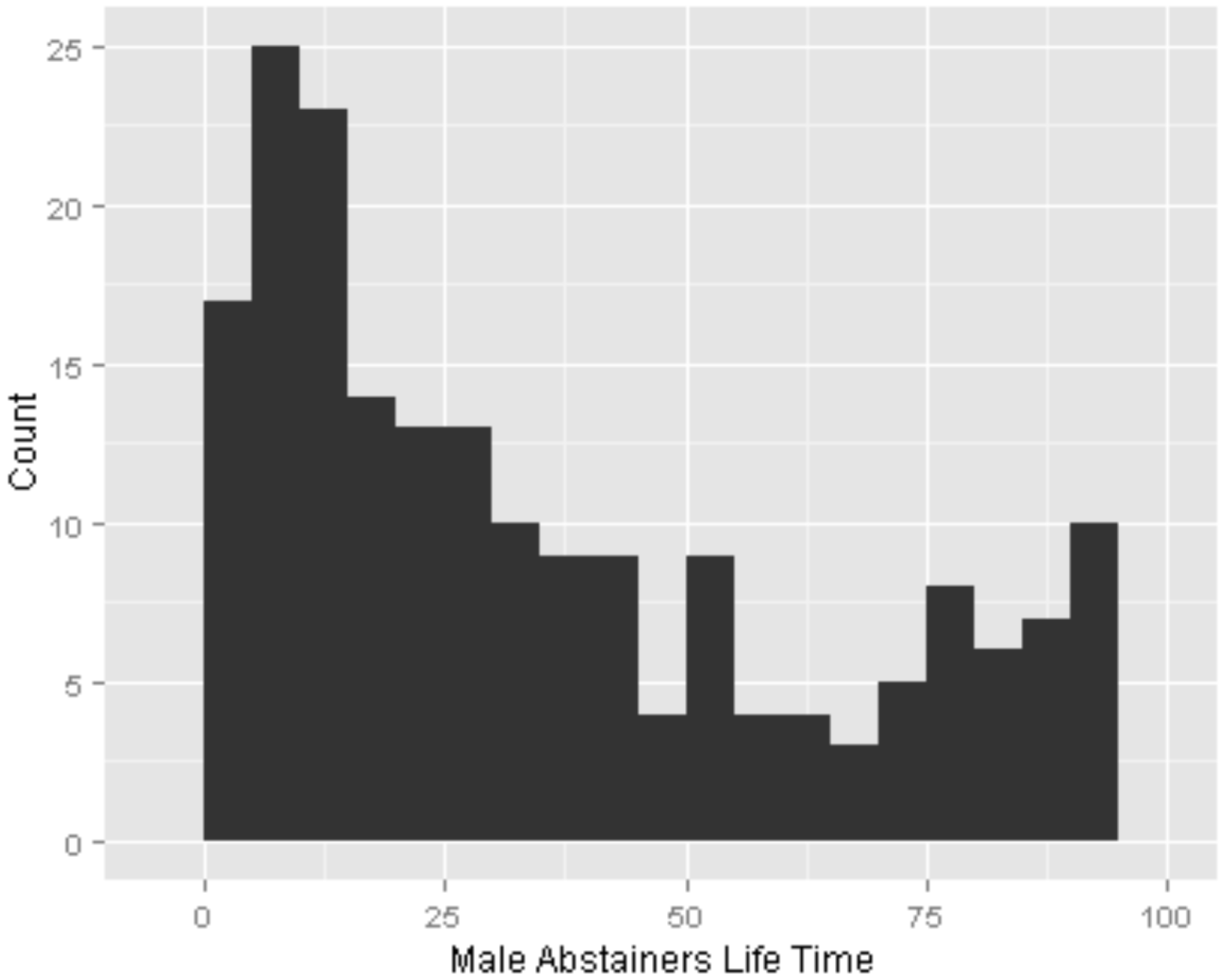


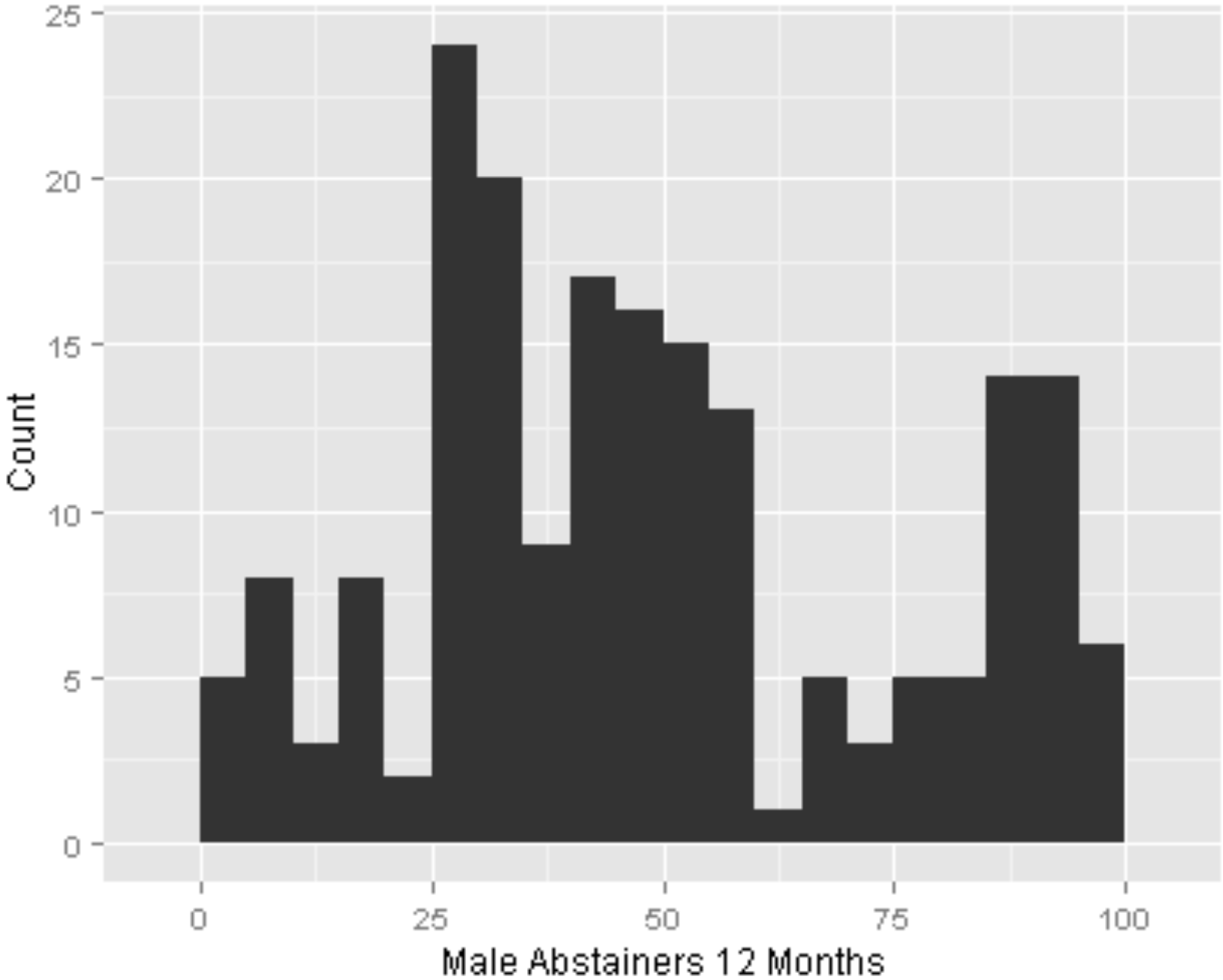
' Alcohol Related v. Nonalcohol Related Highway Vehicle Fatalities (2001-2010)

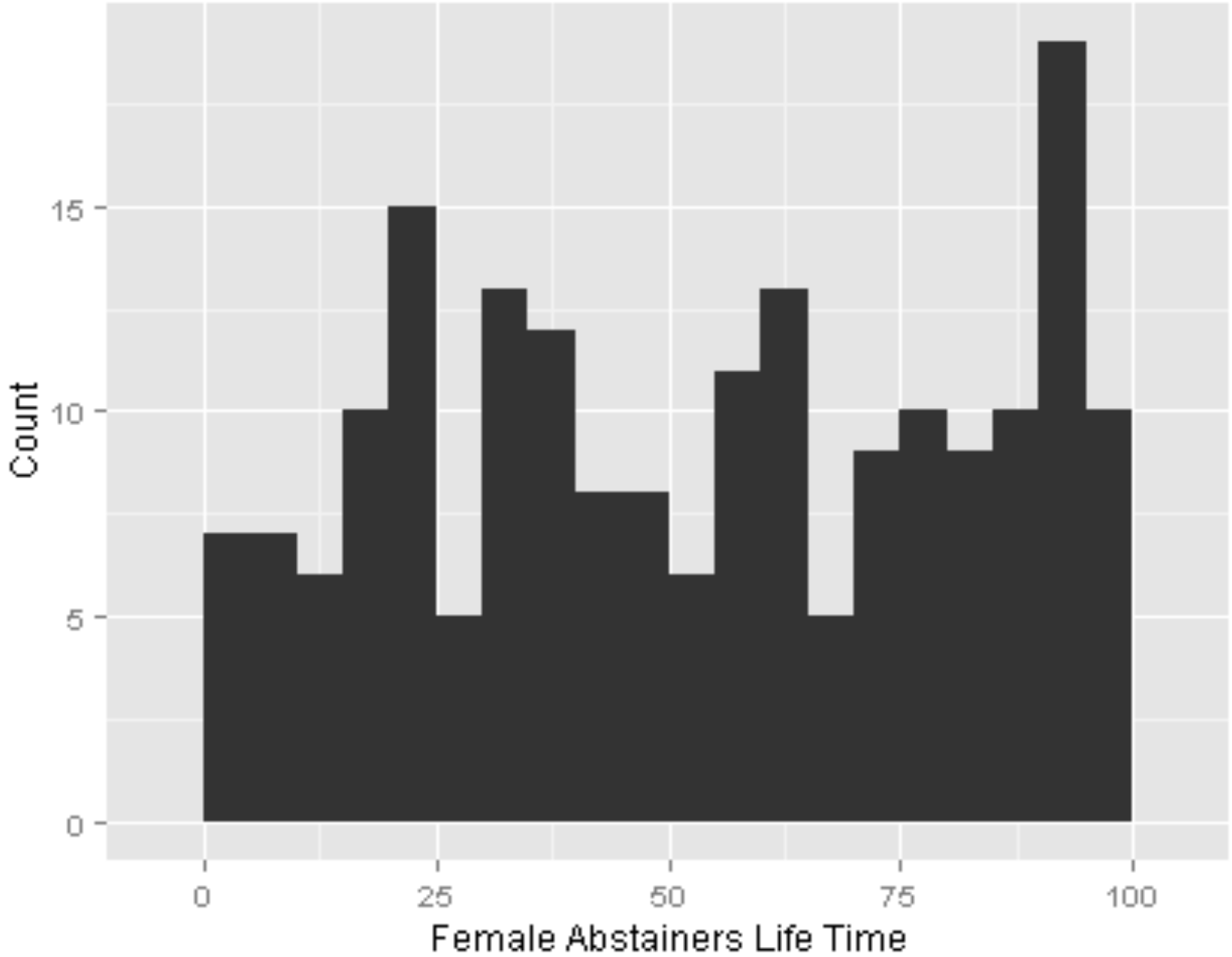


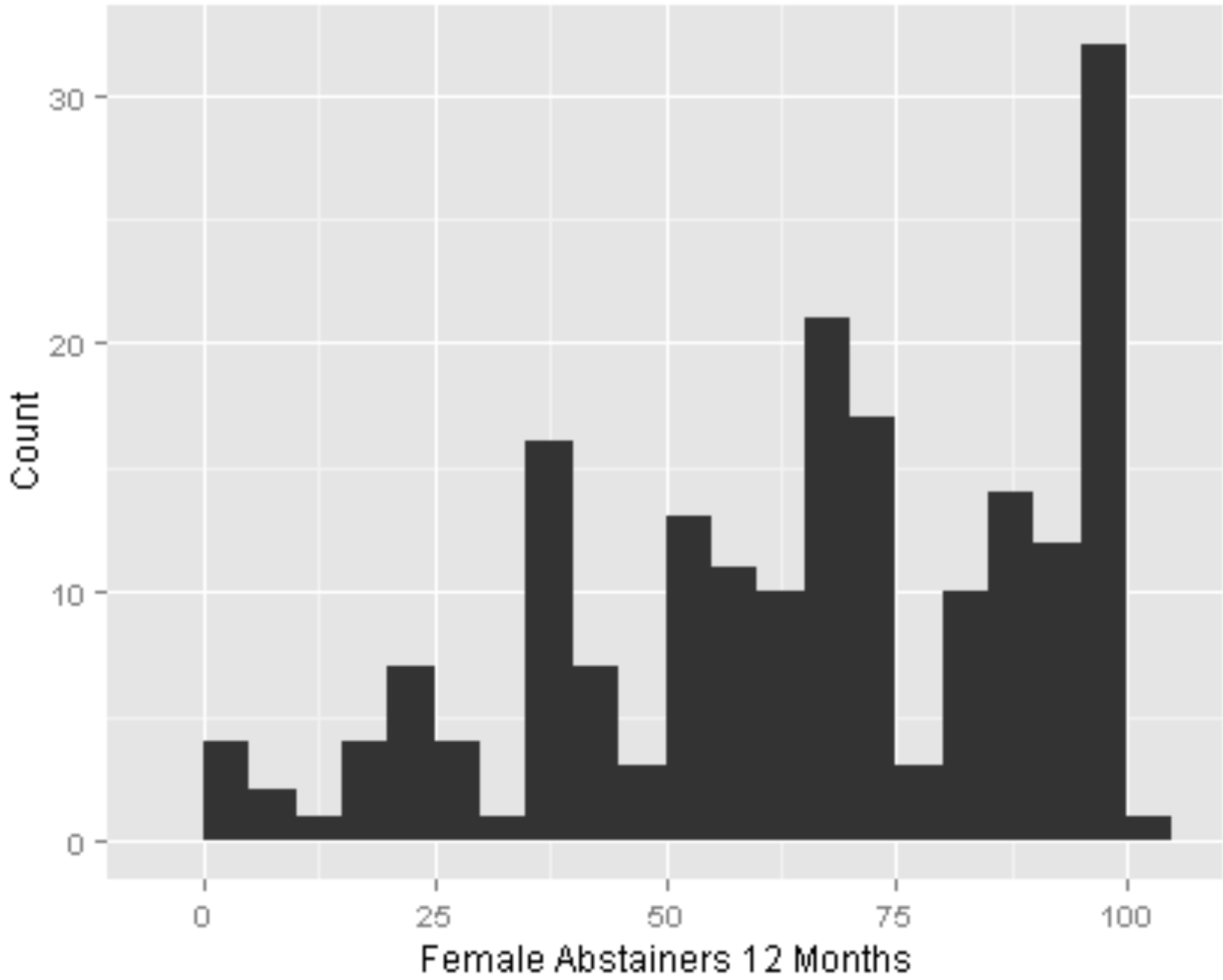

Social costs of alcohol use
TOTAL_COSTS
200000
150000
100000
50000
0
Argentina
Australia
Canada
Chile
France
Germany
Italy
Spain
Sweden
UK
USA
COUNTRY

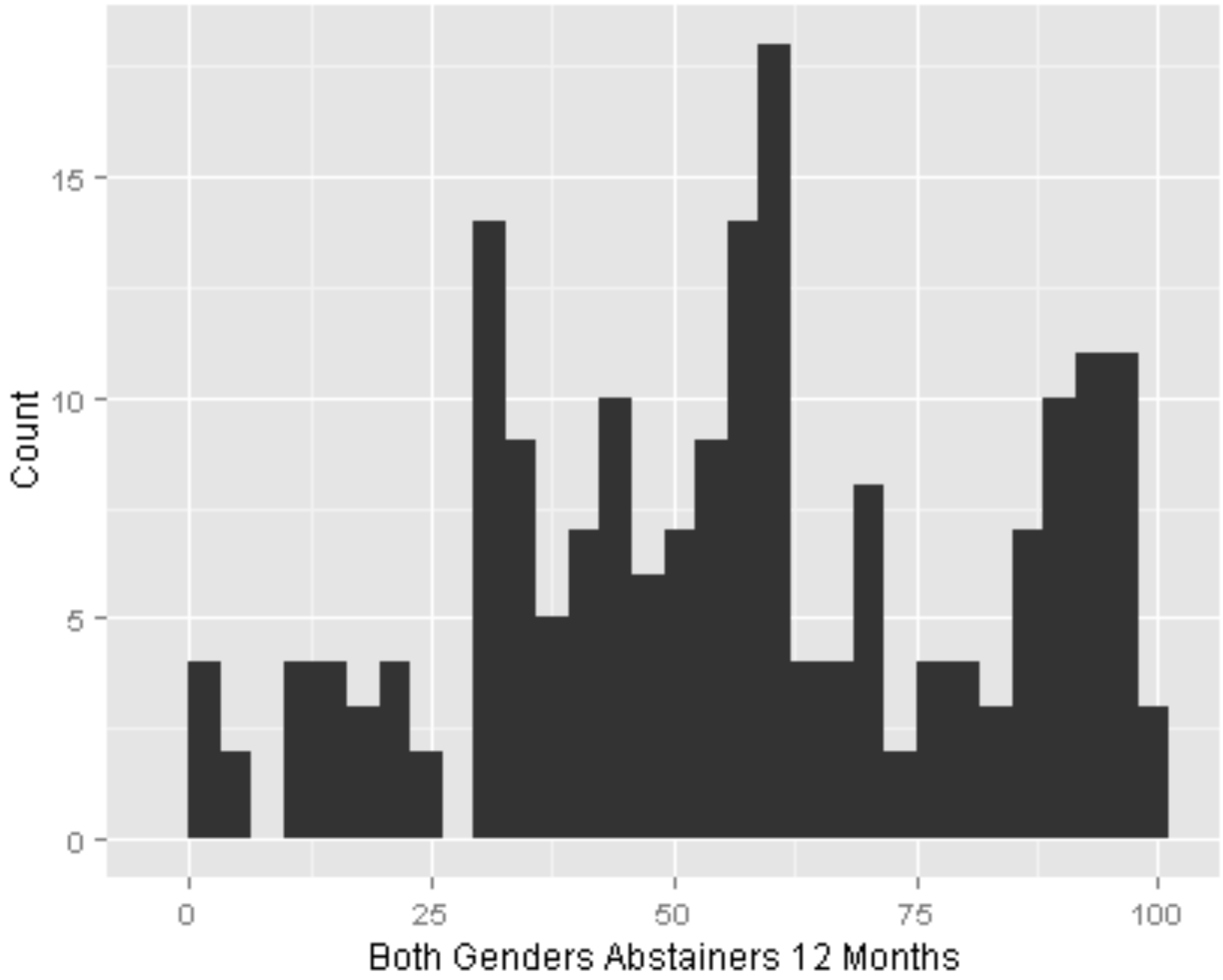

Social costs of alcohol use in Missions US$
200000
150000
100000
50000
0
value
Argentina
Australia
Canada
Chile
France
Germany
Italy
Spain
Sweden
UK
USA
COUNTRY
variable
DIRECT_LAW_COSTS
DIRECT_HEALTH_COSTS
DIRECT_OTHER_COSTS
INDIRECT_COSTS


25
20
15
10
5
0
Count
0
25
50
75
100
Male Abstainers Life Time


25
20
15
10
5
0
Count
0
25
50
75
100
Male Abstainers 12 Months


Count
15
10
5
0
0
25
50
75
100
Female Abstainers Life Time


30
20
10
0
Count
0
25
50
75
100
Female Abstainers 12 Months


Count
15
10
5
0
0
25
50
75
100
Both Genders Abstainers 12 Months